

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,310,150 B2  
APPLICATION NO. : 10/501268  
DATED : December 18, 2007  
INVENTOR(S) : Tearney J. Guillermo and Brett E. Bourma

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<u>Column, Line</u>	<u>Reads</u>	<u>Should Read</u>
Item (56), U.S. Patent Documents	[Add omitted reference]	--6,549,801 4/2003 Chen et al.--
Item (56), Other Publications	“Park, B. Hyle et al., Comment on Optical-Fiber-Based Mueller Optical Coherence Tomography,” <i>Optical Letters</i> , vol. 29, No. 24, Dec. 14, 2004, pp. 2873-2874.”	--Park, B. Hyle et al., Comment on Optical-Fiber-Based Mueller Optical Coherence Tomography,” <i>Optics Letters</i> , vol. 29, No. 24, Dec. 14, 2004, pp. 2873-2874.--
Item (56), Other Publications	“ “Image Enhancement in Optical Coherence Tomography Using Deconvolution” by Kulkarni, et al., in the <i>Electronics Letters</i> , vol. 4, pp. 125-236, Jan. 1999.”	--“Image Enhancement in Optical Coherence Tomography Using Deconvolution” by Kulkarni, et al., in the <i>Electronics Letters</i> , vol. 4, pp. 125-236, Jan. 1999.--
Item (56), Other Publications	“ “Comparison of Glaucomatous Progression Between Untreated Patients With Normal tension Glaucoma and Patients with Therapeutically Reduced Intraocular Pressures.” <i>Am. J. Ophthalmol</i> 126:487-97.”	--“Comparison of Glaucomatous Progression Between Untreated Patients With Normal tension Glaucoma and Patients with Therapeutically Reduced Intraocular Pressures.” <i>Am. J. Ophthalmol</i> 126:487-97.--

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<u>Column, Line</u>	<u>Reads</u>	<u>Should Read</u>
Item (56), Other Publications	"Hazebroek, H.F. and W.M. Visser 91983). "Automated Laser Inferometric Ellipsometry and Precision Reflectometry." <i>Physics E-Scientific Journal of Physics E-Scientific Instruments</i> 16(7): 654-661."	--Hazebroek, H.F. and W.M. Visser (1983). "Automated Laser Inferometric Ellipsometry and Precision Reflectometry." <i>Journal of Instruments</i> 16(7): 654-661.--
Item (56), Other Publications	"Hoeling, B.M., A.D. Fernandez, et al. (2000). "An optical coherence microscope for 3-dimensional image in developmental biology." <i>Optics Express</i> 6(7): 136-146."	--Hoeling, B.M., A.D. Fernandez, et al. (2000). "An optical coherence microscope for 3-dimensional imaging in developmental biology." <i>Optics Express</i> 6(7): 136-146.--
Item (56), Other Publications	"Ismail, R., V. Tanner, et al. (2002). "Optical coherence tomography imaging of sever commotio retinae and associated macular hole." <i>British Journal of Ophthalmology</i> 86(4): 473-4."	--Ismail, R., V. Tanner, et al. (2002). "Optical coherence tomography imaging of severe commotio retinae and associated macular hole." <i>British Journal of Ophthalmology</i> 86(4): 473-4.--
Item (56), Other Publications	"Jones, R.C. (1947). "A New Calculus for the Treatment of Optical Systems .5 A More General Formulation, and Description of Another Caculus" <i>Journal Society of America of Optical Society of America</i> 37(2):107-110."	--Jones, R.C. (1947). "A New Calculus for the Treatment of Optical Systems .5 A More General Formulation, and Description of Another Calculus" <i>Journal of Optical Society of America</i> 37(2): 107-110.--

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<u>Column, Line</u>	<u>Reads</u>	<u>Should Read</u>
Item (56), Other Publications	"Kulkarni, M.D., T.G. van Leeuwen, et al. (1998). "Velocity-estimation accuracy and frame-rate limitations in color Doppler optical coherence tomography." <i>Optics Letters</i> 23(13): 1057-1059."	--Kulkarni, M.D., T.G. van Leeuwen, et al. (1998). "Velocity-estimation accuracy and frame-rate limitations in color Doppler optical coherence tomography." <i>Optics Letters</i> 23(13): 1057-1059.--
Item (56), Other Publications	"Laszlo, A. and A. Venetianer (1998). Heat resistance in mammalian cells: Lessons and challenges. <i>Stress and Life</i> . 851: 169-178."	--Laszlo, A. and A. Venetianer (1998). Heat resistance in mammalian cells: Lessons and challenges. <i>Stress of Life</i> . 851: 169-178.--
Item (56), Other Publications	"Smithies, D. J., T. Lindmo, et al. (1988) "Signal attenuation and localization in optical coherence tomography studied by Monte Carlo simulation." <i>Physics in Medicine and Biology</i> 43(10): 3025-3044"	--Smithies, D. J., T. Lindmo, et al. (1988) "Signal attenuation and localization in optical coherence tomography studied by Monte Carlo simulation." <i>Physics in Medicine and Biology</i> 43(10): 3025-3044.--
Item (56), Other Publications	"Zhang, Y., M. Sato, et al. (2001). "Numerical investigations of optimal synthesis of several low coherence sources for resolution improvement." <i>Optics Communications</i> 192(3-6): 183-192."	--Zhang, Y., M. Sato, et al. (2001). "Numerical investigations of optimal synthesis of several low coherence sources for resolution improvement." <i>Optics Communications</i> 192(3-6): 183-192.--

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<u>Column, Line</u>	<u>Reads</u>	<u>Should Read</u>
Item (56), Other Publications	"Froehly, J. et al. (2003) "Multiplexed 3D Imaging Using Wave-length Encoded Spectral Interferometry: A Proof of Principle" <i>Optics Communications</i> vol. 222, pp. 127-136."	--Froehly, J. et al. (2003) "Multiplexed 3D Imaging Using Wave-length Encoded Spectral Interferometry: A Proof of Principle" <i>Optics Communications</i> vol. 222, pp. 127-136.--
Item (56), Other Publications	"Nadkarni, Seemantini K. et al (2005) "Charaterization of Atherosclerotic Plaques by Laser Speckle Imaging" <i>Circulation</i> vol. 112, pp. 885-892."	--Nadkarni, Seemantini K. et al (2005) "Characterization of Atherosclerotic Plaques by Laser Speckle Imaging" <i>Circulation</i> vol. 112, pp. 885-892.--
Item (57), Line 5	"Certain exemplary arrangement can be provided"	--Certain exemplary arrangements can be provided--
Column 4, Line 63	"See,"	--See--
Column 5, Line 11	"FIG. 6 shows an offset fiber array are directed"	--FIG. 6 shows an offset fiber array directed--
Column 5, Line 23	"through the objective lens and focused"	--through the objective lens and focuses--
Column 5, Line 60	"image"	--image.--
Column 8, Line 22	"electro-macinetic radiation"	--electro-magnetic radiation--

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<u>Column, Line</u>	<u>Reads</u>	<u>Should Read</u>
Column 9, Line 3	"wherein the second arrangement including a third"	--wherein the second arrangement includes a third--

Signed and Sealed this  
Twelfth Day of August, 2008



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*